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AUTHOR Sarle, Ruth; And Others
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ABSTRACT

This courseware evaluation rates "The Place Setting Simulator" program developed by Orange Juice Software Systems. The courseware was rated by a team of home economists participating in a network designed to identify and evaluate courseware and disseminate reviews for vocational and technical teachers, media staff, and administrators. Part A describes "The Place Setting Simulator" in terms of subject area (home economics), and hardware requirements (Apple II and peripherals), and indicates its suitability for use with regular, handicapped, disadvantaged, or gifted students in grades 7-12. Listed next are appropriate instructional grouping (individual and small groups), accompanying materials (documentation, student worksheets, program outline, and unit tests), and time estimate (30 minutes). Availability information includes cost ($45.00), policies, and contact address. Part B contains the courseware evaluation criteria and reviewer ratings in eight categories: subject matter, technical presentation, student interaction, program interaction, student evaluation, documentation, work behaviors, and application programs. Part C summarizes the evaluation. The strength of this program is its stimulating and accurate subject matter; weaknesses include no provision for printed copies of class performance results and a few spelling errors. The courseware is recommended for makeup work, individual and small group instruction, study aid, extra credit, and review and reinforcement. This program received overall ratings of "yes" in seven categories, indicating that a majority of criteria in these categories were met. (The application programs criteria were not applicable.) The final rating indicates that this courseware is highly recommended. (SK)

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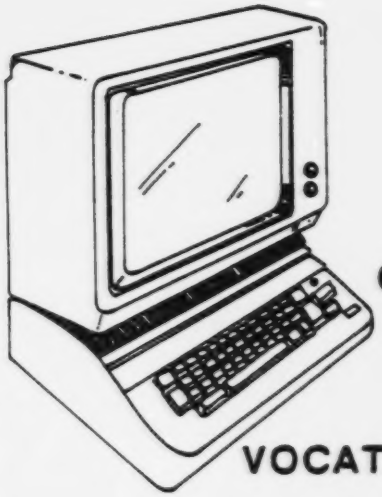

THE PLACE SETTING SIMULATOR

# COURSEWARE EVALUATION

# FOR

# VOCATIONAL AND TECHNICAL EDUCATION

The evaluation of this courseware program was conducted by a team participating in the Courseware Evaluation Network. The Network, established in 1985, is coordinated by the National Center for Research in Vocational Education under the sponsorship of the U.S. Department of Education, Office of Vocational and Adult Education. The purpose of the Network is to identify, evaluate, and disseminate courseware reviews for vocational and technical education.

Each Network team includes three members, at least one of which is, or recently has been, a vocational or technical teacher in the subject matter area of the courseware being evaluated. The evaluation represents a synthesis of the opinions of the team members. It is suggested that the evaluation be used as a first screening device for courseware and that the teacher also evaluate the courseware program on the basis of specific student needs.

The Courseware Evaluation Form and Guide used for all of the Network evaluations was developed by the National Center and is available through its cost-recovery system.

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## COURSEWARE EVALUATION FORM



NOTE: If you are using this form for the first time, read the instructions in the accompanying Microcomputer Courseware Evaluation Guide.

Evaluator Ruth Sarle/Sue Saravelle/Barbara Reed
Position State Home Economics Supervisor; Secondary Home Economics Teacher; Retired Home Economics Supervisor
Date August 22, 1985

### Part A: Courseware Description

In the following sections, record descriptive information about the courseware that you are evaluating.

I. IDENTIFICATION

Program Title The Place Setting Simulator Date 1982

Series Title

Vocational Area(s) Home Economics

Subject Area(s) Consumer and Home Making; Home Economics; Food Production Management and Services

Topic(s) Food and Nutrition; Food Service

Developing Agency Orange Juice Software Systems

Street or P.O. Box 338 S. Arch Avenue

City New Richmond State WI Zip 54017 Phone (715) 246-3588

Author(s) O J Software

Programmer(s)

II. HARDWARE REQUIREMENTS

Microcomputer* Apple II+, IIe, IIc
(brand/model)

K Memory Required 48K
(number)

Medium of Transfer (include number of each):

- __ Tape cassette
- __ ROM cartridge
- X 5¼" Flexible disk
- __ 8" Flexible disk
- __ Other _____ (specify)

Programming Language Applesoft DOS Specifications 3.3

Other Specifications

Peripherals Needed (check all that apply):

- X Color monitor or monichrome
- X One disk drive
- __ Two disk drives
- __ Plotter
- __ Game paddle(s)
- __ Joystick(s)
- __ Modem
- __ Mouse
- X Printer
- X Graphics tablet
- __ Light pen
- __ Voice/sound instrument
- __ Clock
- __ Video disk
- __ Touch screen
- __ Ten-key number pad
- __ Other _____ (specify)

*NOTE: Provide the above information for any additional hardware on which this program can be used.

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Part A. Courseware Description

III. PROGRAM FEATURES (check all that apply):

___Network version provided
___Multiple copies required
___Program can be modified
X Program protected
___Data disk needed
___Field-test data available

IV. INSTRUCTIONAL SETTING

Program mode (check all that apply):

___Application
___Drill and practice
___Educational gaming
X Simulation
___Tutorial
___Other _____ (specify)

Student Target Population (check all that apply):

X Regular
X Disadvantaged
X Handicapped
___Limited English
___Bilingual
X Gifted

Grade Level (check all that apply):

___K-6
X 7-8
X 9-10
X 11-12
___13-14
___Adult
___Higher Education

Instructional Grouping (check all that apply):

X Individual
X Small group (up to 4)
___Large group (4 or more)
___competitive interaction
X cooperative interaction

Prerequisite Student Skills (specify) _____

Accompanying Materials (specify types):

Documentation Print and Program

Student support materials Work sheets

Teacher support materials Program outline, unit tests

Correlated materials _____

Estimated Time for Use 30 minutes

V. AVAILABILITY

___Free _____ (copies)

___Loan _____ (time)

___Duplication (requestor supplies disk)

X Sale $ 45.00

___Rent $_____ _____ (time)

Copyright Restrictions (explain) Copyright 1982. All rights reserved.

Back-up Policy (explain) Back-up disks available at a nominal charge. 30 day free replacement on defective disks.

Preview Policy (explain) Free 10 day previewing trial

Update Policy (explain) If revised within 18 months, free exchange.

Contact Orange Juice Software Systems

Street or P.O. Box 222 S. Washington Ave.

City New Richmond State WI Zip 54017 Phone (715) 246-3588



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## Part B: Courseware Evaluation Criteria

Indicate the applicability of each section to the courseware being evaluated by checking either "___ A" (applicable) or "___ N/A" (not applicable). If a section is not applicable, proceed to the next section. If a section is applicable, check the column that indicates how well the courseware meets each criterion. Include any comments.

| | YES | SOME-WHAT | NO | N/A | COMMENTS |
|---|---|---|---|---|---|
| I. SUBJECT MATTER _X A ___ N/A | | | | | |
| 1. Subject matter has educational value. | X | | | | |
| 2. Student objectives are stated. | X | | | | |
| 3. Subject matter is accurate. | X | | | | |
| 4. Subject matter is logically presented. | X | | | | |
| 5. Subject matter is free of race, ethnic, sex, and other stereotypes. | X | | | | |
| 6. Subject matter is on the level of the students. | X | | | | |
| 7. Information and skills presented are comparable to those used in the home, business, or industry. | X | | | | |
| 8. Subject matter motivates students to learn. | X | | | | |
| 9. Subject matter is reviewed and summarized. | X | | | | |
| 10. Program utilizes the unique capabilities of the microcomputer to present the subject matter. | X | | | | |
| II. TECHNICAL PRESENTATION _X A ___ N/A | | | | | |
| 1. Program is free of technical problems. | X | | | | |
| 2. Presentation rate is adequate to maintain interest. | X | | | | |
| 3. Information on the screen is easy to read. | X | | | | |
| 4. Program is free of spelling and grammatical errors. | | X | | | |
| 5. Program instructions are easy to follow. | X | | | | |
| 6. Color increases the instructional value of the program. | X | | | | |
| 7. Audio increases the instructional value of the program. | X | | | | |
| 8. Graphics increase the instructional value of the program. | X | | | | Outstanding |

| | YES | SOME-WHAT | NO | N/A | COMMENTS |
|---|---|---|---|---|---|
| III. STUDENT INTERACTION X A ___ N/A | | | | | |
| 1. Students can use the program with minimal assistance. | X | | | | |
| 2. Students are actively involved in the program. | X | | | | |
| 3. Students control the pace of the program. | X | | | | |
| 4. Students can access the program "menu(s)" to change activities. | X | | | | |
| 5. Students are permitted to change answers. | X | | | | |
| 6. Methods of responding correspond to the level of the program. | X | | | | |
| 7. Students' errors of entry are processed so that the program continues to run. | X | | | | |
| 8. Students can access available "help" and "hint" options at any time. | | X | | | |
| 9. Students can enter or exit the program as desired. | X | | | | |
| 10. Students control the sequence of the program. | X | | | | |
| IV. PROGRAM INTERACTION X A ___ N/A | | | | | |
| 1. Feedback is immediate. | X | | | | |
| 2. Cues and prompts are provided to assist students in answering correctly. | | | X | | |
| 3. Feedback reinforces the correct responses. | X | | | | |
| 4. Feedback is nonthreatening. | X | | | | |
| 5. Program helps students understand wrong answers. | X | | | | |
| 6. Program gives the correct answer after a reasonable number of tries. | | | X | | |
| 7. Positive reinforcement is varied. | X | | | | |
| 8. Program has the ability to branch/loop depending upon students' performance. | X | | | | |
| 9. Feedback is on the level of the student. | X | | | | |
| V. STUDENT EVALUATION X A ___ N/A | | | | | |
| 1. Evaluation provides a means for measuring attainment of objectives. | X | | | | |
| 2. Program reports which items were missed and which were correct. | | | X | | No Summary |

| | YES | SOME-WHAT | NO | N/A | COMMENTS |
|---|---|---|---|---|---|
| V. STUDENT EVALUATION—*Continued* | | | | | |
| 3. Individual student performance results are available to the teacher. | X | | | | Place setting Printout available |
| 4. Class performance results are available to the teacher. | | | X | | |
| 5. Program provides for printed copies of evaluations. | X | | | | |
| 6. Test item formats are suited to the material being tested. | X | | | | |
| 7. Test items are clearly stated. | X | | | | |
| 8. Test item bank is provided. | X | | | | In documentation |
| VI. DOCUMENTATION ___ A ___ N/A | | | | | |
| 1. Documentation is easy to understand. | X | | | | |
| 2. Documentation is accurate. | X | | | | |
| 3. Student objectives are stated. | X | | | | |
| 4. Underlying concepts are outlined. | X | | | | |
| 5. Skills to be developed are specified. | X | | | | |
| 6. Procedures for integrating the program into the curriculum are provided. | X | | | | In supplemental materials |
| 7. Follow-up activities are suggested. | X | | | | |
| 8. Documentation explains the intended use of support materials. | X | | | | |
| 9. Sufficient information is provided to operate the program. | X | | | | |
| VII. WORK BEHAVIORS X A ___ N/A | | | | | |
| 1. Program helps students identify their vocational skills. | X | | | | |
| 2. Program promotes pride in work. | X | | | | |
| 3. Program promotes productivity. | X | | | | |
| 4. Program encourages good work habits. | X | | | | |
| 5. Problem solving is encouraged. | X | | | | |
| 6. Program promotes good human relations skills. | X | | | | |
| 7. Program provides an opportunity for work satisfaction and self-fulfillment. | X | | | | |
| 8. Program encourages creativity. | | X | | | In some areas |

(Part B: Courseware Evaluation Checklist)

| | YES | SOME-WHAT | NO | N/A | COMMENTS |
|---|---|---|---|---|---|
| VIII. APPLICATION PROGRAMS ___ A _X_ N/A (to be completed for application programs only) | | | | | |
| 1. Program is adaptable to the needs of the student. | | | | | |
| 2. Commands are easily remembered. | | | | | |
| 3. Information is easily manipulated. | | | | | |
| 4. Corrections are easy to make. | | | | | |
| 5. Program includes all necessary variables. | | | | | |
| 6. Program performs reliably. | | | | | |
| 7. Program efficiently achieves its intended purpose. | | | | | |
| 8. Trial data are supplied for learning to run the program. | | | | | |
| 9. Program provides for use of printer when hard copy of information is advantageous. | | | | | |
| 10. Program moves from operation to operation efficiently. | | | | | |
| 11. Program is compatible with other application programs. | | | | | |
| 12. Program has a supplementary tutorial program available. | | | | | |

## Part C: Courseware Evaluation Summary

1. SUMMARY COMMENTS

Identify strengths of the courseware:

1 - Stimulating
2 - Subject matter accurate
3 - See Section I & II

Identify weaknesses of the courseware:

1 - Does not provide printed copies on class performance results
2 - A few spelling errors

Describe uses of the courseware in an instructional setting:

1 - Make-up work
2 - Individual & small group
3 - Study Aid
4 - Extra credit
5 - Review & reinforcement

2. SUMMARY OF SECTION

Rate the quality of the courseware for each applicable section of this form by checking the appropriate column; if not applicable, check N/A.

| | YES | SOME-WHAT | NO | N/A |
|---|---|---|---|---|
| I. SUBJECT MATTER: Content has educational value. | X | | | |
| II. TECHNICAL PRESENTATION: Program is free of malfunctions. | X | | | |
| III. STUDENT INTERACTION: Students are actively involved with the program. | X | | | |
| IV. PROGRAM INTERACTION: Feedback is effectively employed. | X | | | |
| V. STUDENT EVALUATION: Evaluation adequately measures student progress. | X | | | |
| VI. DOCUMENTATION: Documentation is sufficient to run the program. | X | | | |
| VII. WORK BEHAVIORS: Program assists students in developing positive work attitudes and skills. | X | | | |
| VIII. APPLICATION PROGRAMS: Program performs the task for which it is intended. | | | | X |

3. FINAL RECOMMENDATION

Check your recommendation for the courseware and explain your reasons below.

X Highly recommend
___ Recommend
___ Recommend with reservations
___ Do not recommend





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Microcomputer Courseware Evaluation Guide: Form and Guide
for Vocational and Technical Education

Developed by:
Shirley A. Chase
Ruth Gordon
Richard C. Makin

For Further Information Contact:
The Program Information Office
National Center for Research in Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, Ohio 43210
800-848-4815 or 614-486-3655 in Ohio



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